Bridge Replacement Project
MBTA Franklin Line over East Street
Westwood Public Meeting – Construction Update
Westwood, MA

October 11, 2017

Agenda

- Construction Team
- Project Status
- Project Overview/Goals
- Existing Conditions
- Roadway Details and Impacts
- Structure Details
- Schedule
- Questions

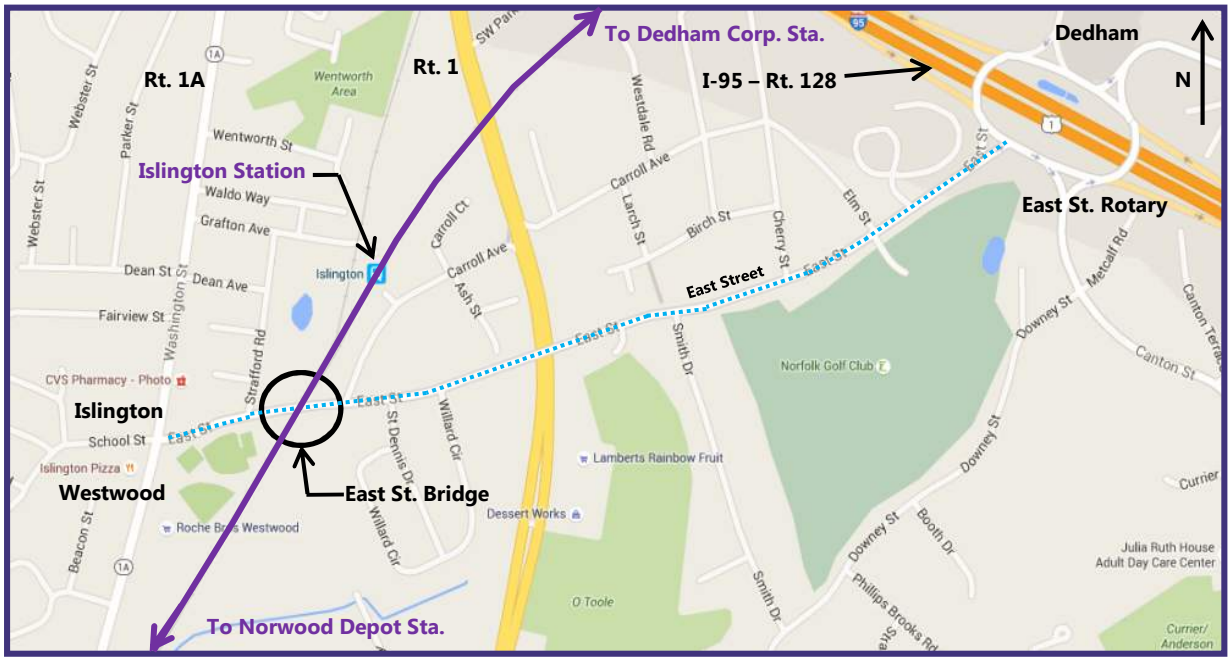
Construction Team

- MBTA – Owner, Project Manager, Resident Engineer
- Barletta Heavy Division – Prime Contractor
  - Private Utility Companies
- VHB – Design Consultant
- Town of Westwood

Project Status

- Town Public Meeting – November 2016
- Design Completed – April 2017
- Project Bid – May 2017
- Project Awarded to Barletta Heavy Division – July 2017
- Contractor NTP – August 2017
- Construction Planning and Initiation

Project Overview – East Street Bridge Westwood, MA



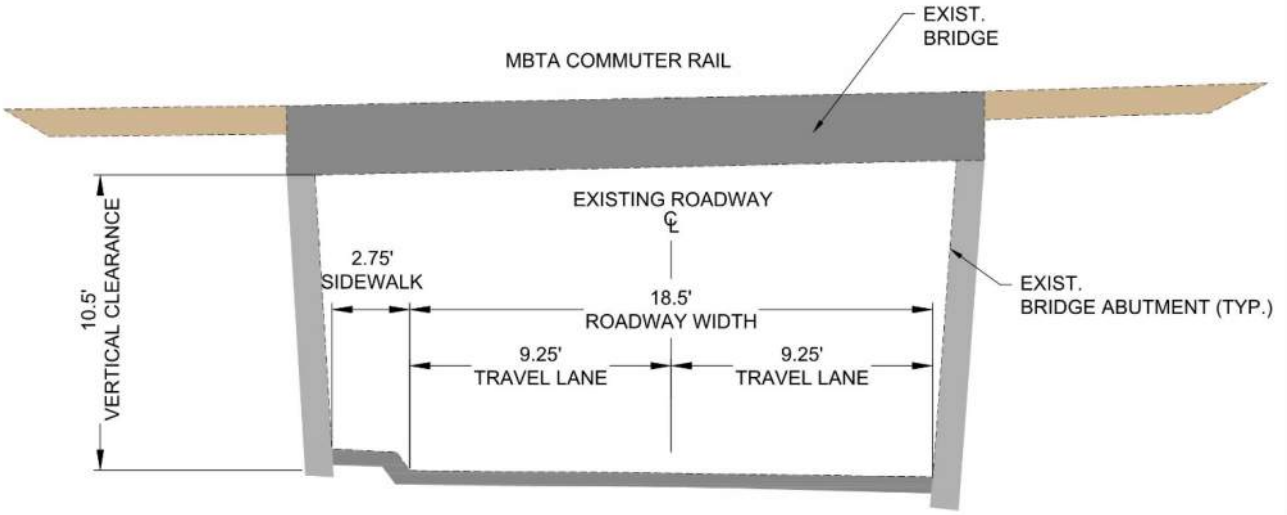
Eastbound

Westbound

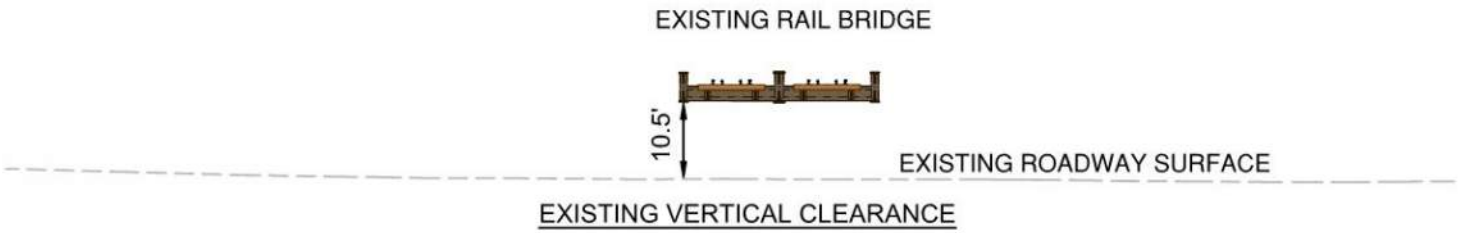
Project Goals

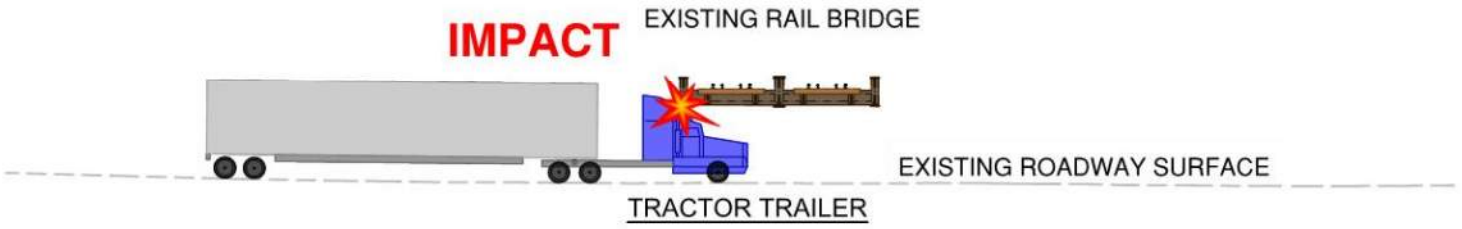
- Design Goals
  - Improve Safety for All Users
    - Improve Vertical Clearance
    - Improve Roadway Width
  - Minimize Impacts
- Construction Goals
  - Adhere to project schedule
  - Working successfully around shutdowns
  - Minimize disruption to traveling public

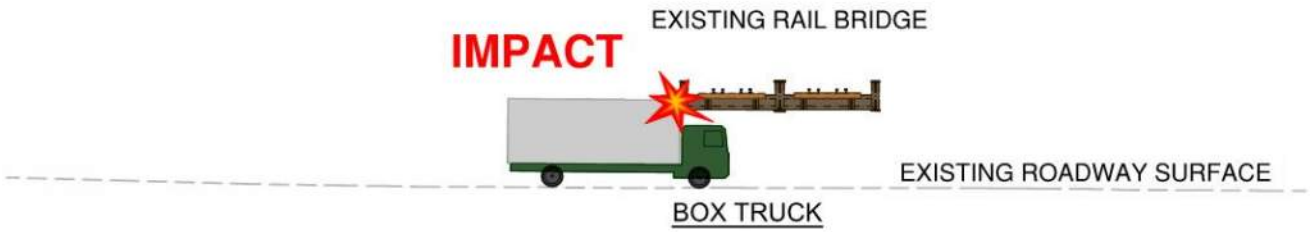
Existing Conditions



Addressing the Problem

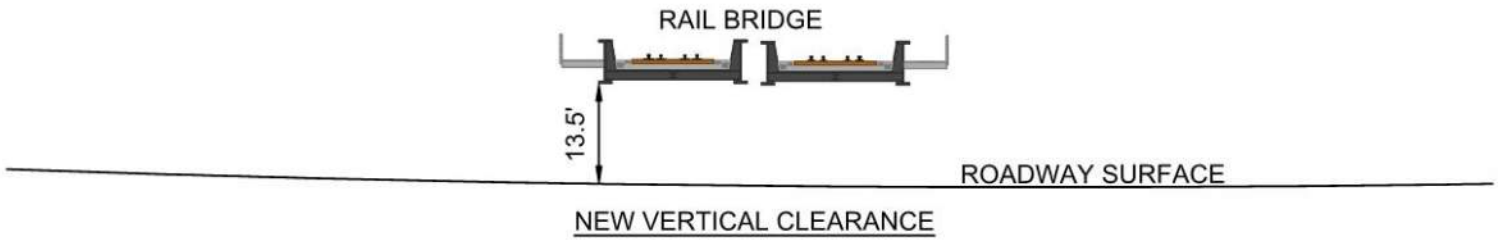


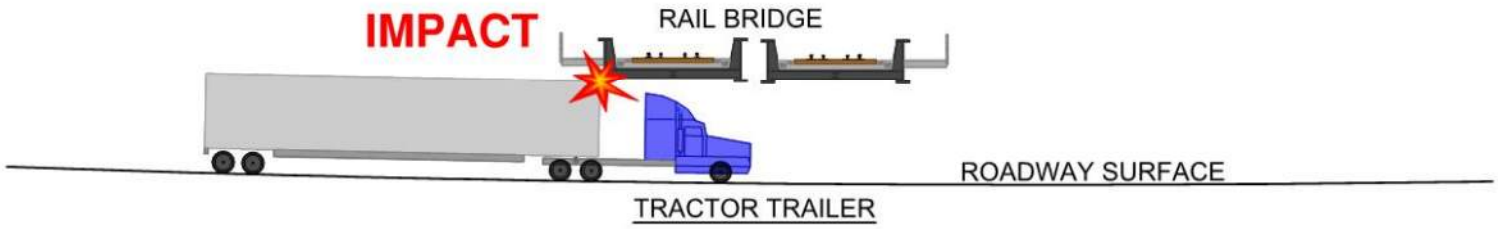


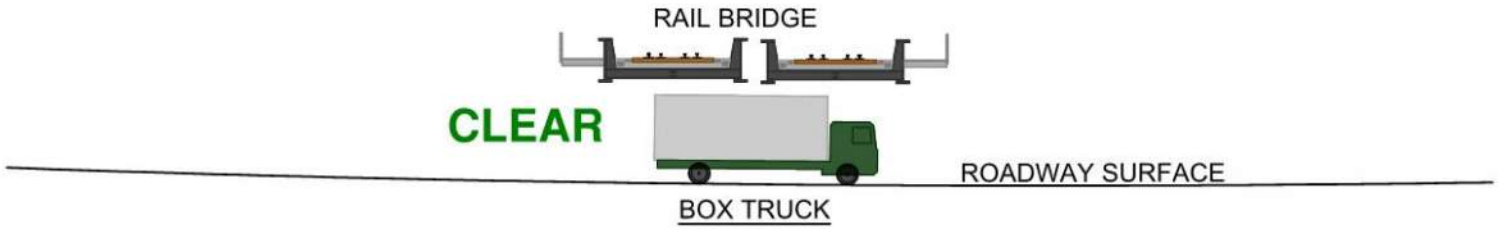


EAST STREET - WESTWOOD, MA
BRIDGE CLEARANCE FIGURES

Addressing the Problem

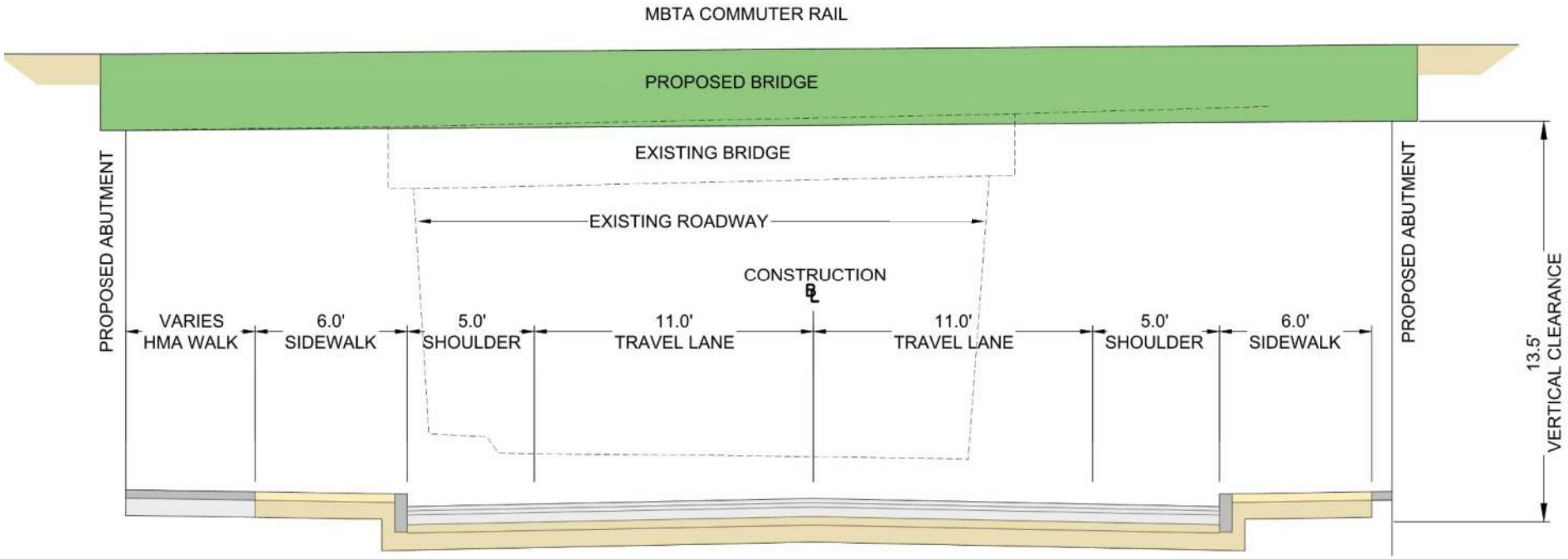






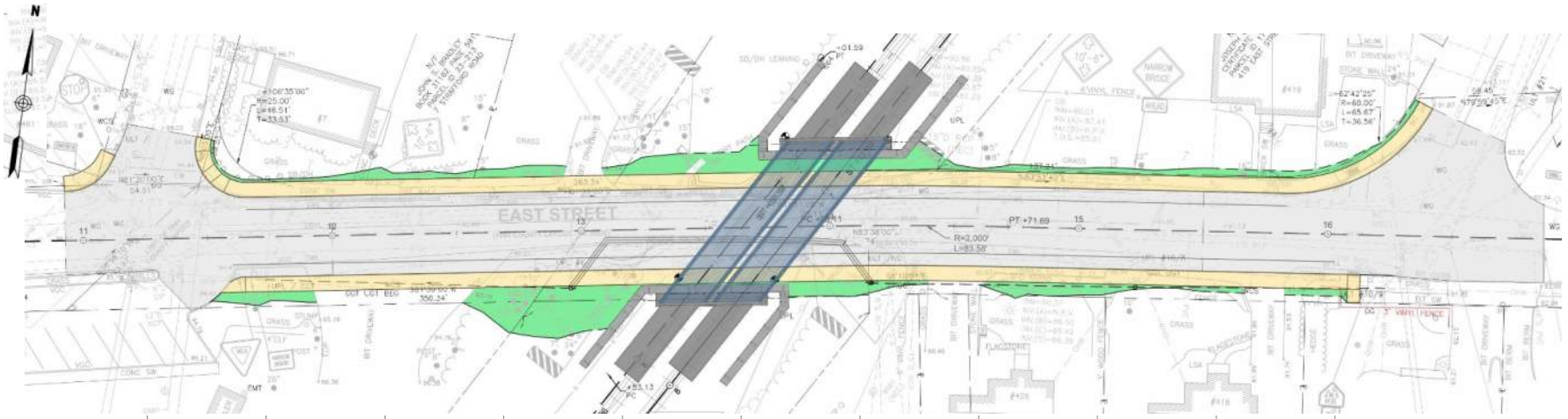
EAST STREET - WESTWOOD, MA
BRIDGE CLEARANCE FIGURES

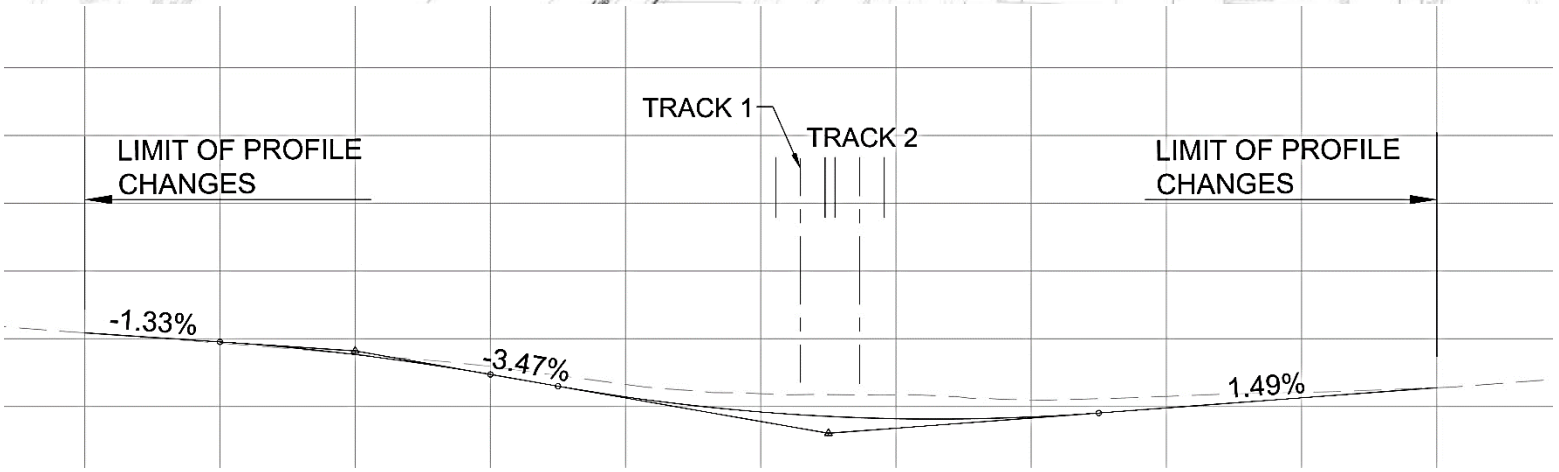
New Roadway Cross-Section



Roadway Plan & Profile

- Lower Roadway Approximately 18”
- Requires Utility Relocation
- Minor Impacts to Surrounding Private Properties (regrading at sidewalks & driveways)





Proposed Structure

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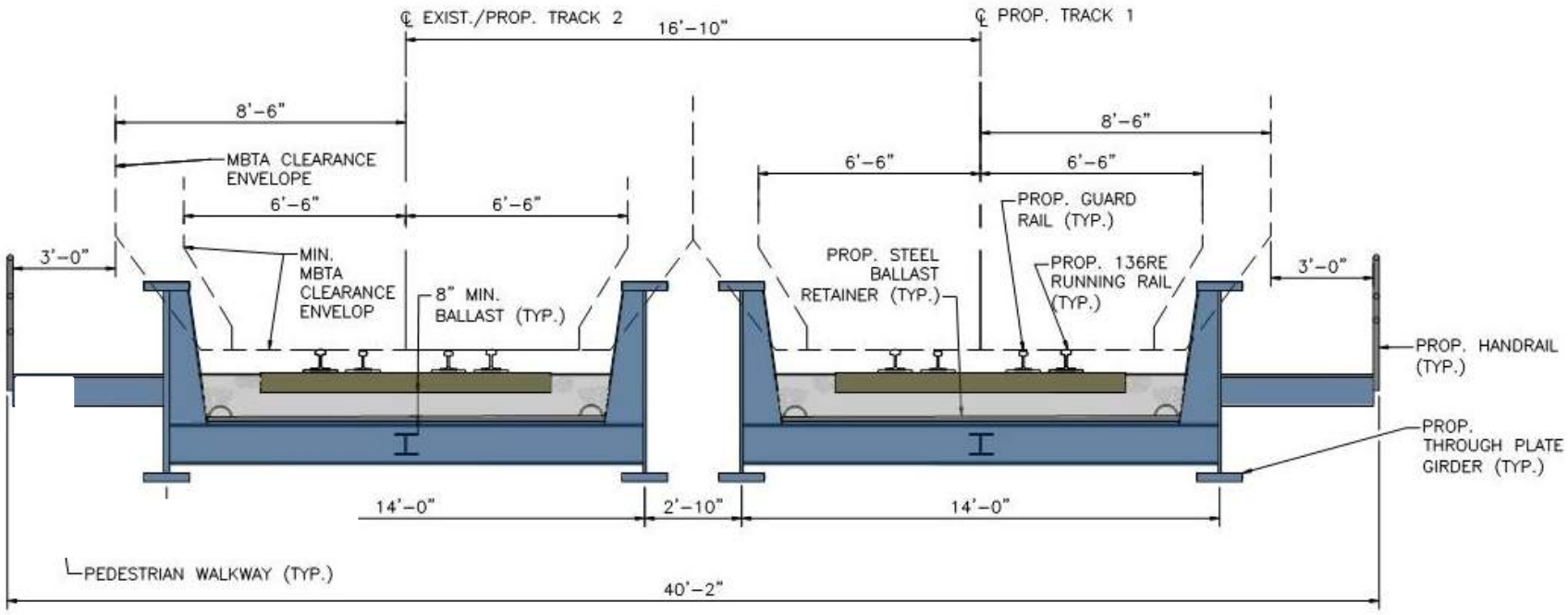
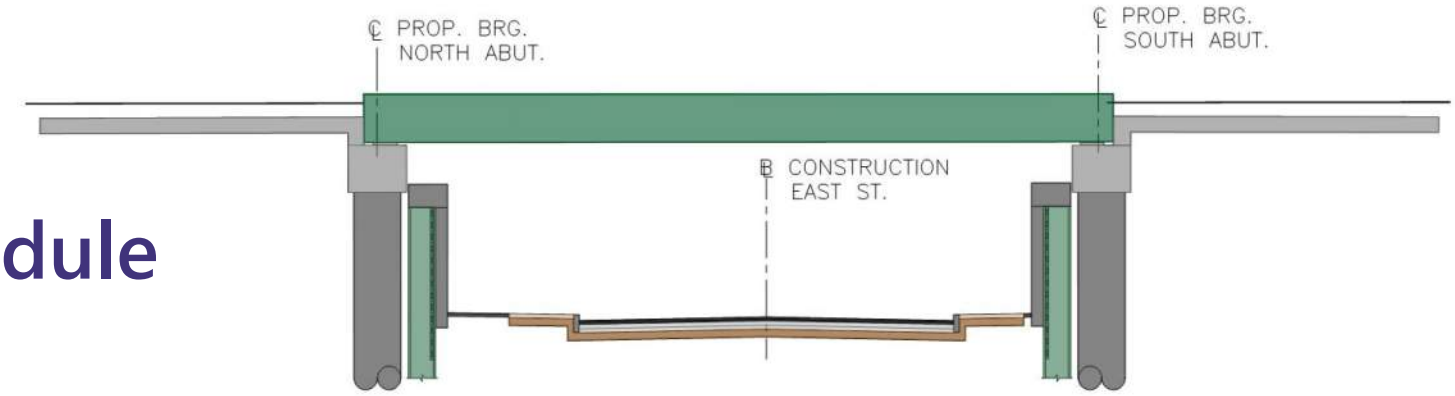


TRANSVERSE SECTION

Schedule



- **August 2017**: Construction Phase Began
- **Late Fall 2017 Through Early Spring 2018**: Foundation Work - Drilled Shafts/Soldier Pile Installation
- **Spring 2018**: Begin Utility Work
- **June & July 2018**: Preassembly of New Bridge Structures in Laydown Yard
- **August 2018**: 2 Weekend Closures (Roadway and Track) for Bridge Installations
- **Fall 2018**: F/R/P Retaining Wall Work
- **Spring/Summer 2019**: Completion of Roadway Work and Final Construction

Questions?